1: Conzemius M-4, 5 (1921) 1932
SA15 Mosquito SA15

531 [439] them. White thread and small needles (M.: *silak;* T., P.: *silip;* U.: *akusa,* from Spanish "aguja") of foreign manufacture are employed to string the beads.

NAVIGATION AND CANOE MAKING

484 Travel is effected chiefly by canoe, for there are hardly any roads in the country outside of the hunting trails; the numerous navigable rivers intersecting the country form, together with the lagoons and the sea, the means of communication.

The Miskito inhabiting the immediate seashore from Cabo Gracias a Dios on southward are excellent seamen; they were already noted for their courage on the sea by the buccaneers (Raveneau de Lussan: 440). The Miskito living to the north of that settlement, however, navigate the lagoons and rivers, and rarely venture on the sea. The Indians living inland, on the other hand, are afraid of the sea and of the large lagoons, but they are perfectly at home in the bush, and they are very expert in navigating the river boats through the dangerous falls and rapids.

491 BRIDGES.—The liana bridges, which are met with in other parts of Central America, are unknown on the Mosquito Coast. The Miskito and Sumu occasionally make a crude bridge over a narrow creek by felling a tree across it. Canoes are used everywhere for the crossing of the streams.

501 TYPES OF CANOES.—Two sorts of dugout canoes are used on the Mosquito Coast. The "dori," or keeled canoe, is used to navigate the sea and lagoons, while the "pitpan," or flat-bottomed canoe, is employed on the rivers. The sea canoes are fast sailors, but somewhat "cranky." All these boats are hollowed out by means of the adze; the largest specimens, cut out of the solid tree, without any addition, may reach up to 5 feet beam and 40 feet in length.

PITPAN.—The "pitpan" is a long narrow boat with flat bottom, drawing but little water; it is therefore particularly fitted to navigate the shallow creeks of the interior which abound in rapids and falls. It glides noiselessly over the water and is easily steered, but it is very cranky and the slightest motion renders it liable to upset. It is therefore of no use on the sea. The pitpan has a square projecting bow and stern, like a small platform, large enough for a person to stand on. A hole is made in the bow through which a pole is thrust perpendicularly in the ground, to moor at river banks or at shoals. The pitpan is very thick bottomed, and for that reason may sustain very rough handling in hauling it over the rocks at rapids and falls.

The name "pitpan," which is in general use among the English-speaking population of eastern Central America, is taken from the Miskito word *pitban,* which means plaited. It is claimed by some